

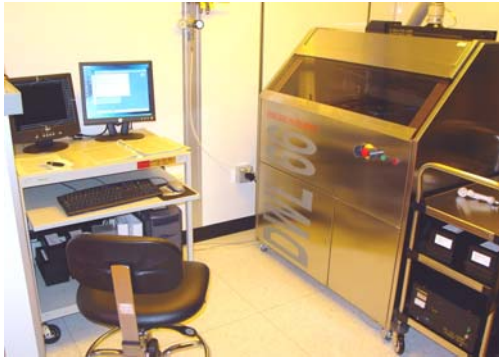
Princeton Institute for the Science and Technology of Materials

<http://www.prism.princeton.edu>

Micro/Nano Fabrication Laboratory



Princeton University



DWL66 Laser Writer from Heidelberg Instruments

Sigurd Wagner, Princeton University, DMR - 0315710

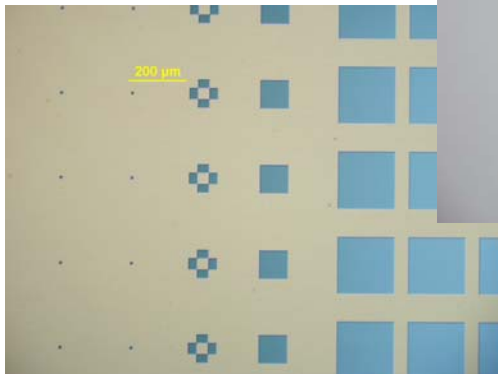
Installed: May 25, 2004

Number of users to date: 17

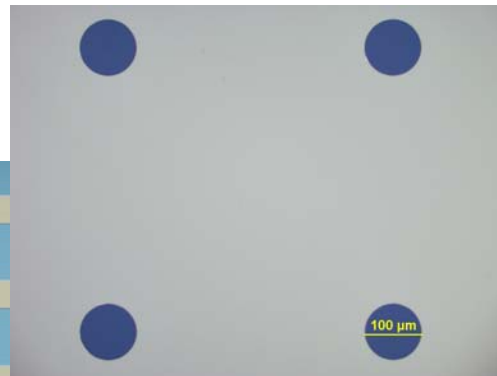
Laser hours since installation: 1184

Number of masks written: 108

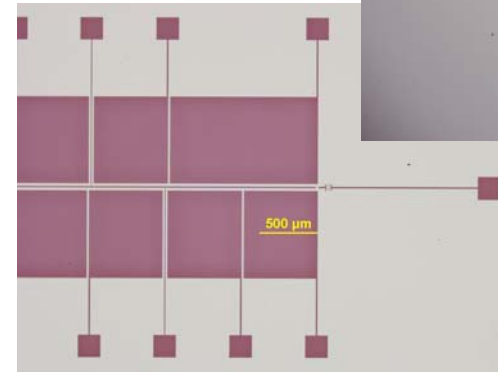
Examples of fabricated masks:



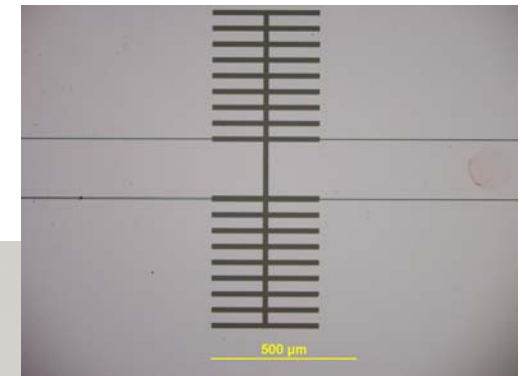
Patterns for
quantum cascade lasers



Single-dot
electroluminescent
devices



Waveguides for ballistic
transport experiments
in 2-D electron gas



Channels for
transport experiments
in superfluid helium
for quantum
computing